

- Please re-write claim 4 as follows:

a1 4. The architecture of claim 3 wherein said interpreter table contains interpreters that are aware of a domain-specific ontologies and languages.

- Please re-write claim 12 as follows:

a2 12. The architecture of claim 11 wherein said event published by said sensory layer is received by said expert system and said external change is stored in said beliefs storage facility.

- Please re-write claim 39 as follows:

a3 39. The society of claim 37 wherein agents are activated by placing an activation entry in a distributed memory area accessible to all entities within said society.

- Please re-write claim 40 as follows:

40. The society of claim 39 wherein any one of said plurality of agent hosts within said society may remove said activation entry from said distributed memory and run said agent.

- Please re-write claim 41 as follows:

41. A society of intelligent agents comprising:
one or more agent hosts for executing a plurality of intelligent agents;
a facilitator for enabling entities external to said society to communicate with and discover information regarding entities within said society; and
a database containing information regarding all agents running in said society;
wherein said intelligent agents comprise:

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a messaging facility for handling incoming and outgoing messages;
an expert system for evaluating rules and maintaining known facts;
a sensory facility for sensing conditions external to said intelligent agent; and
a means for communication between said messaging facility, said expert
system and said sensory facility.

- Please add claim 44:

44. The architecture of claim 21 wherein said logic engine allows one or more solutions to be selected from a solution space based on a given objective function.

Attached please find a check in the amount of nine U.S. dollars (\$9) to cover the cost of one additional claim for a small entity. The Applicant respectfully requests that the above changes be entered by the Examiner prior to the examination of the application.

Respectfully Submitted,



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